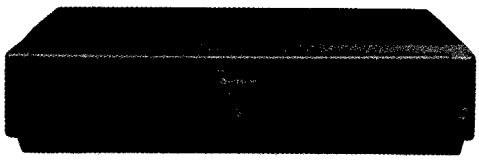
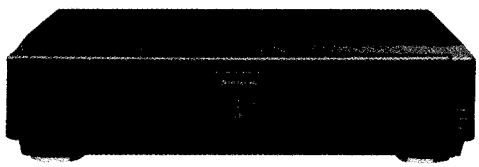
HITACHI

TK | No.3466E

VT-M840E/M841E(CT)
VT-M840E(CTH)
VT-M845E(VPS)



– VT-M840E/M841E(CT) –



– VT-M840E(CTH)/M845E(VPS) –

SPECIFICATIONS

Format:	VHS PAL Standard
Recording:	Rotary Two-Head Helical Scan Azimuth Recording
Tape Speed:	23.39 mm/sec. — SP, 11.7 mm/sec. — LP
Tape Width:	12.7 mm
Operation Temperature:	5°C to 40°C
Video:	PAL colour (system B & G) & CCIR monochrome signals 625 lines
Recording Time:	240 min. with E-240 cassette — SP 480 min. with E-240 cassette — LP
Aerial Input:	VHF channels 2 — 12 CATV channels S1 — S20 UHF channels 21 — 69
RF Output:	UHF channel 37 (32 — 42 adjustable) (System G)
Video Input:	0.5 to 1.5Vp-p 75 ohm Unbalanced
Video Output:	1Vp-p 75 ohm Unbalanced
S/N Ratio (Video):	More than 43 dB
Horizontal Resolution:	Colour 260 lines
Audio	
Input:	−3.8 dBm 50 Kohm
Output:	−3.8 dBm 1 Kohm
S/N Ratio:	43 dB
Frequency Range:	70 Hz to 12 kHz
Power:	AC 230V 50 Hz
Power Consumption:	21W (including timer)
Timer:	24-hour digital indication
Cabinet Size:	370 mm(W) x 89 mm(H) x 341 mm(D)
Weight:	Approx. 5.7 kg
Accessories Included:	1 — Aerial cable 1 — Infrared remote control unit 2 — Batteries

* Design and specifications are subject to change without notice.

VHS

This video desk is a VHS type video recorder. For proper operation, only the VHS type cassette must be used.

VIDEO CASSETTE RECORDER

April 1991 TOKAI WORKS

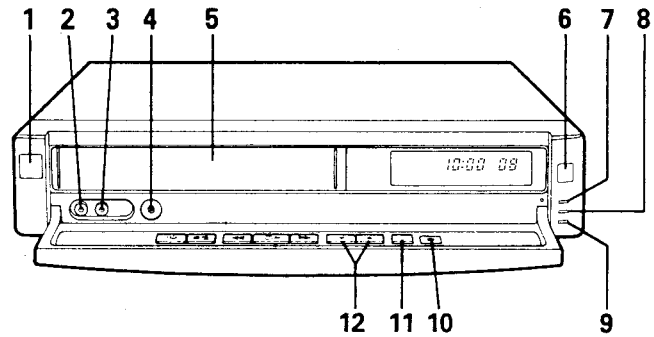
6.99

FEATURES

- **Everything can be controlled from the LCD timer remote controller**
- ***8-Programme/1-year preset* recording with memory backup**
- **Automatic controls for easier operation**
  - Auto Head Cleaning system minimizes the need for accessory cleaners and professional head cleaning. A head cleaning button is also provided for manual cleaning.
  - Auto Tracking system automatically adjusts the tracking so the picture is optimized
  - Rental Play immediately starts to play a tape without its safety tab, rewinds the tape after play is ended and then ejects it.
  - Auto Play immediately starts to play a tape without its safety tab
  - Auto Eject & Auto Tape Canceller eject cassette without its tab when recording
  - Auto Operate On turns system power on by simply inserting cassette
  - Auto Endless Play repeats playing tape from beginning to end
  - Auto Rewind/Rewind Shut-off automatically rewinds tape at its end and automatically shuts off at its beginning if the OPERATE switch is off.
- **High-quality variable slow and still picture – plus dual speed play, visual search and frame advance**
- **Video and Audio Dubbing allow you to simply and easily insert new video or audio sequences into existing tapes**
- **Sharp, finely detailed pictures from High Quality (HQ) picture technology**

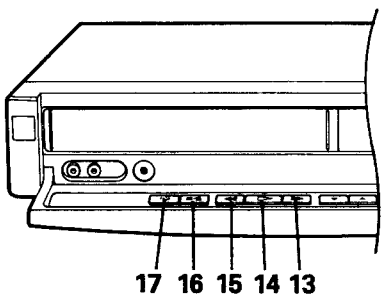
  HQ The Video Tape Recorder (VTR) with this marking incorporates VHS high-quality picture technology and is compatible with any Video Tape Recorders bearing the VHS mark.
- **Voltage synthesized tuner provides easy, preset tuning for up to 79 channels including CATV channels**
- **Instant Recording Timer (IRT) is possible**
- **Selectable 3-language OSD (On Screen Display)**
- **The remote control unit provided can operate not only two VTRs but also 10 different types of TVs**
- **Compatible with 8-hour long play/long recording using E-240 cassette**
- **Index/Counter GO-TO functions** – convenient for locating the desired programme on your tape
- **Mode Lock can be used to lock the VTR mode (recording, play, etc.)**

CONTROLS AND FUNCTIONS

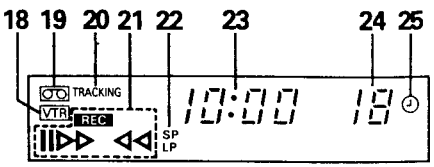


1. **PUSH OPEN button**
   Press this button to open the front door of the VTR.
2. **VIDEO IN**
   Receives video signals from a camera, or another VTR.
3. **AUDIO IN**
   Receives audio signals from a camera, external audio equipment or from another VTR.
4. **EDIT IN socket**
   Connect a camera pause cable.
5. **Cassette compartment**
   Insert a cassette through the door, and loading will be completed automatically.
   Note: Power is turned on automatically when a cassette is loaded.
6. **Infrared ray receiving section**
   Receives infrared rays from the remote control unit.
7. **⏻ STANDBY indicator**
   Lights whenever the VTR is connected to the activate mains supply.
8. **I OPERATE indicator**
   Lights when the VTR is connected to the activate mains supply and the OPERATE switch of the VTR is turned on. The indicator goes off when the OPERATE switch is turned off.
9. **REC (record) indicator**
   Lights while the VTR is recording. If you turn the OPERATE switch off to stand by for timer recording while a cassette without its record-protect tab is inserted or a cassette is not loaded, this indicator flashes.
10. **REC/IRT button**
    Press the REC/IRT button once to start recording.
    Pressing again lets you select a recording time within 4 hours. After recording for the preset time, the VTR will automatically shut off. This is convenient when you go out during recording.
11. **HEAD CLEANING button**
    Press this button to manually clean the video heads when the dirt cannot be removed by auto cleaning.
12. **TV PROG (programme) buttons**
    Select the TV programmes you wish to view or record by pressing these buttons.

CONTROLS AND FUNCTIONS



[VTR display]



13. **F.FWD (fast forward) button**
Press to activate fast forward.
Press this button during playback and forward playback picture can be viewed at high speed.

14. **PLAY/X2 button**
Press to start play.
During playback, press and hold this button for a few seconds and then release the button to increase the playback speed to twice the normal speed.
Note: When a cassette (with its erase prevention tab removed) is loaded, playback starts automatically.

15. **REW (rewind) button**
Press to start rewind.
Press this button during playback and the reverse playback picture can be viewed at high speed.

16. **STOP/EJECT button**
If this button is pressed, while the VTR is operating, the running of tape stops and all operating modes are cancelled (except for timer recording). The cassette is ejected, when this button is pressed again in STOP mode.
Note: Power may be on or off when removing the cassette.

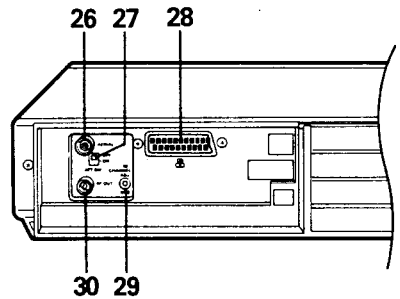
17. ***OPERATE switch***
Turn the system power on and off.

18. **VTR indicator**
Will light when the VTR power is turned on.

19. **Tape indicator**
Lights when cassette is loaded in the compartment.

20. **TRACKING indicator**
When a cassette tape is inserted and playback is started, the auto tracking function operates automatically so the picture is optimized. This indicator flashes while tracking is being adjusted and lights steadily when adjustment is complete.

21. **Mode indicators**
- "REC" appears during the record mode.
- "▷" appears during the playback mode.
- "◁◁" appears during the rewind mode and flashes during the rewind visual search mode.
- "▷▷" appears during the fast forward mode and flashes during the forward visual search mode.
- "❚❚" appears during the play/record pause mode.
- "❚❚▷" appears during the slow motion playback mode.



22. **Tape speed indicator**
Shows tape speed during recording and playback.
SP – Standard play
LP – Long play

23. **Clock display**
Shows the present time or time counter.

24. **TV station number display**
This shows the TV station number corresponding to the station selected.
The AU indicator appears when you select the AU position by pressing the TRANS/AUX button on the remote control. AU position is used to record or watch the programme input at the EURO jack or AUDIO IN/VIDEO IN jacks.

25. **Timer indicator**
Will light while the VTR is in the stand-by mode for timer recording or in the IRT mode.

26. **AERIAL input socket**
Connect an external aerial.

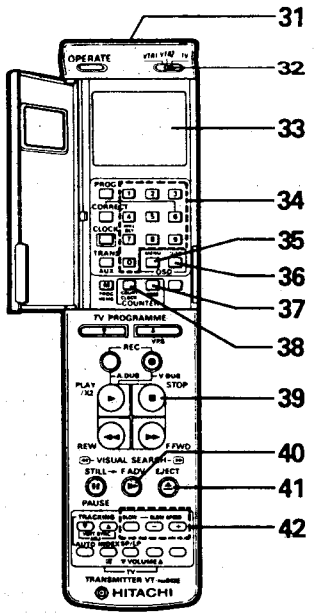
27. **Attenuator switch**
Generally set to the OFF position. Set it to "ON" when interference occurs in an area with a strong signal.

28. **EURO jack**
For connection to a TV with a EURO or DIN jack using an exclusive cable. See your dealer for details.

29. **RF CHANNEL control**
Used to adjust the video channel correctly.

30. **RF OUT socket**
Connect to TV aerial input.

CONTROLS AND FUNCTIONS



31. **Transmission window**
Transmits commands to the VTR.

32. **VTR 1/VTR 2/TV**
- Set to TV to control TV.
- Set to VTR 1 or VTR 2 to control two VTRs.

33. **Clock/time display**
While setting the clock/timer, this display will prompt you through the procedure. After setting the clock, the display shows the clock time.

34. **Number buttons "0" through "9"**
Select any channel by pressing two buttons. (Press "0" and then "8" for TV station 8.) The number buttons are also used for setting the clock and programming the timer.

35. **MENU button**
When presetting channels or recalling the timer programming etc., press this button. The menu is displayed on TV screen.

36. **DISP (display) button**
Calls up the mode display on TV screen for a few seconds.

37. **0000 button**
Reset the time counter to "0:00:00" when the time counter is displayed in the VTR display.

38. **COUNT/CLOCK button**
Press to switch the VTR display between the clock time display and counter display.

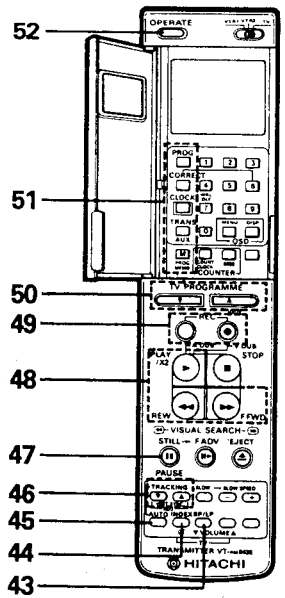
39. **STOP button**
If this button is pressed while the VTR is opetating, the tape stops running and all opetating modes are cancelled (except for timer recording).

40. **F.ADV (frame advance) button**
Press to view tape one frame at a time.
Operates only after PAUSE button has been pressed.

41. **EJECT button**
Press to eject a cassette.

42. **SLOW/SLOW SPEED button**
Used for slow-motion play.

CONTROLS AND FUNCTIONS



43. **SP/LP button**
Used to select the tape speed for recording. The playback speed is automatically set to the speed used in recording.

44. **INDEX button**
Used for INDEX and COUNTER GO-TO functions.

45. **AUTO TRACKING button**
Press to activate the auto tracking function.

46. **TRACKING buttons**
Press one of these buttons to minimize noise in the picture manually during playback.

47. **STILL/PAUSE button**
Press to pause during recording.
Press to view a still picture during playback.
Press again to release.

48. **PLAY/REW/F.FWD button**
Same as on the VTR.

49. **REC buttons**
Press two REC buttons at the same time to start recording.

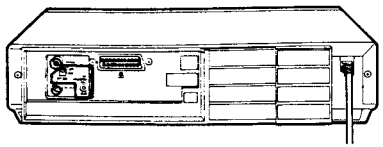
50. **TV PROGRAMME buttons**
Select the TV programmes you wish to view or record by pressing these buttons.

51. **Clock/timer programme buttons**
These buttons are used for setting the clock and programming the timer.
Note: The TRANS/AUX button is also used to select the AU position when recording a signal from external equipment.

52. **OPERATE button**
Same as OPERATE on the VTR (turns operate on/off).

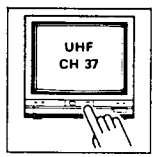
VIDEO CHANNEL SETTING

The RF converter changes the video and audio signals from a previously recorded video tape during playback to the same type of signal used for TV broadcasts. The RF converter output in this unit is pre-set prior to shipment to UHF channel 37.



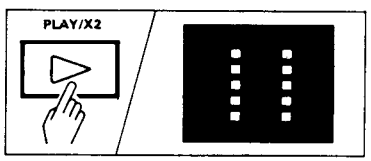
User's controls

1 Turn on the Operate switch of the TV, then set TV to UHF channel 37.



If your TV has a channel button marked "A/V", you can use this channel instead of UHF channel 37.

2 Press PLAY button on the VTR with operate switch off.



The test pattern appears on the TV screen. Fine tune your TV until the test pattern is received clearly. Now the video channel has been preset.

You must always select this channel with the channel selector of your TV when playing back a tape or viewing a TV programme selected with the TV PROG button of the VTR.

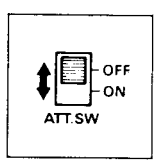
NOTE: If it is not possible to correctly tune to the test pattern or channel 37 is used for broadcasting in your area, adjust the RF converter output with the RF channel control using a small screwdriver and readjust your TV until the test pattern is observed.

When connecting the VTR to a TV set provided with auto-tuning and the video channel cannot be set, operate as follows:

1. Remove the aerial cable from the AERIAL terminal of the VTR.
2. Press PLAY button on the VTR with operate switch off.
3. Press the Auto-tuning button of the TV.
4. Auto-tuning starts and it stops at UHF channel 37.
   The test pattern appears on the TV screen.
   Note: The auto-tuning indicator of the TV set changes to an exact tuning indicator.
5. Set the channel memory of the TV to ON and store the channel which was set in item 4.
   Now, the video channel of the TV has been set properly.
6. Reconnect the aerial cable to the VTR.

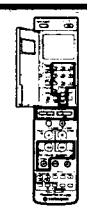
ATTENUATOR SWITCH

The Attenuator switch located on the rear panel of the VTR is used to adjust the reception of the antenna signal. If the wavy lines appear in the picture during the reception of a broadcast from a near-by TV station, it may be that the signal level is too high. In this case, set this switch to ON to attenuate the signal level. Normally leave this switch in the OFF position.



PRE-TUNING OF BUILT-IN TV TUNER

This VTR incorporates a complete television tuner with the required tuning controls. Once you have pre-tuned to preferred stations, you can select any of them by merely pressing the TV PROGRAMME button or Number buttons 0~ 9.

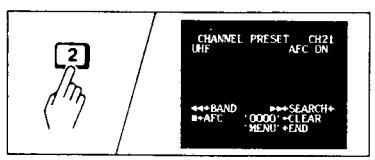


User's controls

1 Turn on the VTR and TV, then set the TV to the pre-tuned video channel.

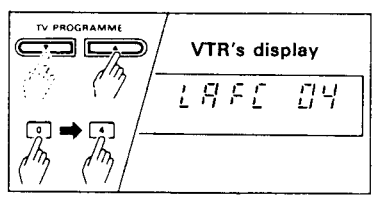
2 Aim the remote control unit at the receiver on the front panel of the VTR.

3 Press the MENU button, and then press "2" button for channel setting.



The "channel setting menu", as illustrated, will appear on TV screen. The VTR's display will also change to band indication.

4 Press the TV PROGRAMME or two number buttons "0"~"9" to select the station number to be memorized.



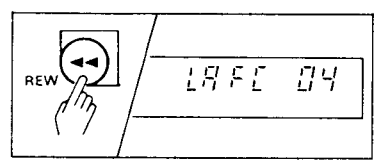
For example, the above diagram shows that the station number 4 has been selected.

Notes:

1. Station numbers "00" through "78" can be now selected by pressing the TV PROGRAMME or two number buttons. In this case, you can use any station number.
2. When "AFC" is not displayed in the VTR display, press the PAUSE button to display "AFC".

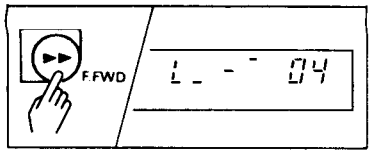
5 Press the REW button to select the desired band to be pre-tuned.

BAND	CHANNELS TO BE TUNED TO
L (VHF-L)	VHF 2 — 4, CATV S1
H (VHF-H)	VHF 5 — 12, CATV S2 — S20
U (UHF)	UHF 21 — 69



For example, the above diagram shows that VHF Low band "L" has been selected.

6 Press and release the F.FWD button to start tuning.



The built-in tuner starts searching from the lowest to highest frequencies.
At a station that is broadcasting, the picture appears on the TV screen. If the programme displayed is different from the station to be preset, press the F.FWD button again.
At the next station, the searching will stop and the new station can be preset. Repeat this until the desired station is reached.

7 Follow the same steps as explained in steps 4 through 6 above for other stations.
You can preset up to 79 stations in memory.

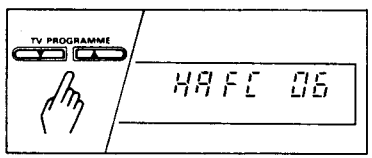
8 After having completed tuning to all required stations, press the MENU button.

These stations preset in memory as shown in the above can be selected by the TV PROGRAMME or two number buttons "0" through "9".

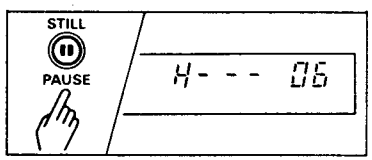
AFC (Automatic Frequency Control)
Since this unit has an AFC circuit, when a station is preset following the above procedure, the AFC turns on automatically and you can receive the signal in optimum condition.
If a TV station signal is marginal due to graininess or ghosting, the picture may sometimes be improved by manually tuning for best picture and then defeating the AFC action. To turn AFC off, follow the procedure below.

1 Follow the steps 1 through 3 of "Pre-tuning of built-in TV tuner".

2 Select the station for which you want to turn AFC off by pressing the TV PROGRAMME buttons or two number buttons "0" through "9".

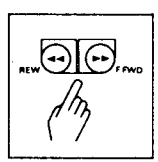


3 Press the STILL/PAUSE button. "AFC" disappears from the display.



Note: Pressing the button once again will turn the AFC on.

4 Tap on the REW or F.FWD button alternately for fine tuning.

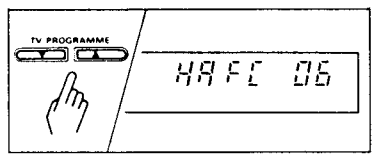


5 Press the MENU button to return to TV screen.

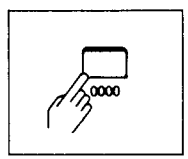
Eliminating unwanted preset stations
You can rearrange the desired stations by eliminating unwanted preset stations for programme up/down tuning.

1 Follow the steps 1 through 3 of "Pre-tuning of built-in TV tuner".

2 Press the TV PROGRAMME or two number buttons until an unwanted station is found.



3 Press the 0000 button to delete this station from the VTR's channel scan list.



4 Repeat until all unwanted stations have been erased.

5 After eliminating them, press the MENU button to return to TV screen.

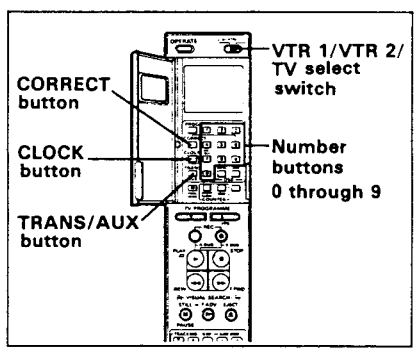
Note: To add an erased station to the channel scan list, preset it again.

SETTING THE CLOCK

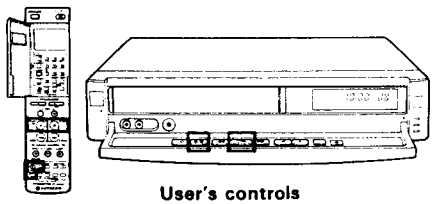
To set the clock of the VTR, first set the clock in the remote control, and then transfer the set time to the VTR.

Things to know before starting

- Set the VTR 1/VTR 2/TV select switch to VTR 1 for setting the clock.
- While you are setting the clock, the display panel on the remote control unit will prompt you through the procedure.
- Always press "0" **before** a single-digit hour, minute, day, month and year.
- If you press the wrong digit during clock setting, press the CORRECT button repeatedly until the incorrect digit flashes then enter the correct digit.
- You have about one minute to do each step in the procedure. If you do not proceed to the next step within this time, all entries are erased and you must start over.



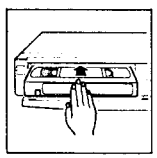
PLAYBACK



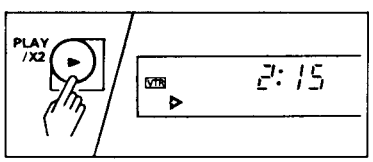
User's controls

1 Turn the TV set on and select the video channel.

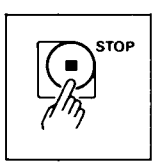
2 Insert the cassette.
Note: When the cassette (with its erase prevention tab removed) is loaded, playback starts automatically.



3 Press the PLAY button.



4 Press the STOP button to stop playback.

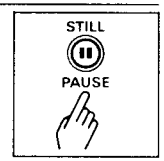


Auto Tracking
When playback is started, the auto tracking function operates and adjusts tracking automatically so the picture is optimized. "TRACKING" flashes in the display for several seconds and then changes to steady lighting.

- Auto tracking may not operate correctly when the tape is scratched or the recorded condition is poor. In this case, press the tracking control button (▼ or ▲) to adjust tracking.
- If the AUTO TRACKING button is pressed after operating the tracking control button (▼ or ▲), auto tracking operates again.

SPECIAL CHARACTERISTICS

Still playback

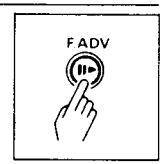


Press the STILL/PAUSE button to stop the picture on the screen during playback.
Press the STILL/PAUSE button again to reset to normal playback or the STOP button to stop the tape.

Notes:

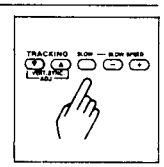
- If you see vertical shaking on the TV screen in the still playback mode, press either TRACKING button (▲ or ▼) to minimize shaking.
- When the still playback mode continues for about 5 minutes, the VTR switches to the stop mode automatically to prevent damage to the tape.
- The playback picture will contain some noise in the still playback mode. Set the VTR to the slow play mode and reduce noise with the TRACKING buttons. Noise can also be reduced in the still play mode.

Frame advance



Press the F.ADV button to advance the picture to the next frame of the scene during still playback.
Pressing and holding the F.ADV button advances the frames continuously.

Slow function

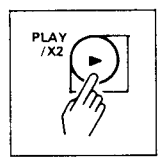


Press SLOW button on the remote control unit during playback, and the tape is played back at slow speed.
Then use the SLOW SPEED buttons on the remote control unit to vary the playback speed.

Notes:

- When noise appears in the slow playback pictures, it can be removed by pressing the TRACKING buttons on the remote control unit. Removing the noise in the slow playback also lets you enjoy a noisefree picture in still playback.
- When the slow playback mode continues for about 5 minutes, the VTR switches to the stop mode automatically.

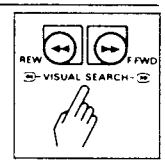
Dual-speed playback



During playback, press and hold PLAY/x 2 button for a few seconds, and then release the button.
The VTR plays the tape at twice the normal speed. Press the PLAY button again to return to normal playback.

- The picture may shake horizontally depending on the TV connected.
- When noise occurs in the picture, it can be moved by pressing the TRACKING buttons.

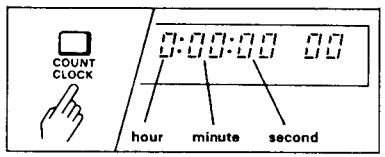
Visual search



Press either the REW or F.FWD button during playback.
Pictures can be viewed at high speed in either the forward or reverse direction. Press the button again (or press PLAY) button to return to normal playback or press the STOP button to stop tape.
Press and hold the REW or F.FWD button in the visual search mode.
Pictures can be viewed at higher speed than in normal visual search. Release the button to return to the normal playback mode.

Linear Time Counter

Shows length of tape run in hours, minutes and seconds.
Press COUNT/CLOCK select button to select the linear time counter display. Every press COUNT/CLOCK select button changes the VTR's display between the clock time display and time counter display.



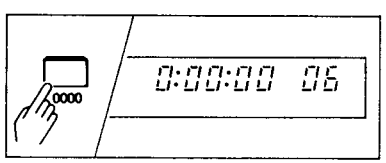
- Counter changes to 0:00:00 when the cassette is ejected.
- Tape starts moving from 0:00:00 and counter indicates amount of elapsed time.

Note: The linear time counter does not operate when nothing is recorded on the tape.

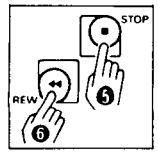
Counter memory function

This is useful if there is a section of tape you want to view immediately after recording or if you want to return to the same point several times.

1. Begin recording or playing back a tape.
2. Press the COUNT/CLOCK button to display the time counter in the display.
3. At the point where you want playback to begin, reset the tape counter to "0:00:00" by pressing the 0000 button.



4. Continue to play or record.
5. Press the STOP button when recording or playback finishes.
6. Press the REW button.

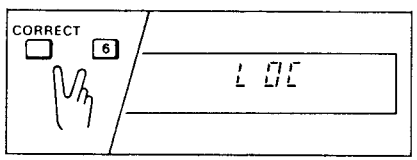


The tape will stop automatically at approximately the "0:00:00" position.

Note: The counter memory function will also operate in the fast-forwarding mode.

Mode lock function

When you want to lock the current VTR mode, such as when recording, playing back, etc., press the CORRECT button and button number 6 on the remote control unit simultaneously. When the mode is locked, " L 05 " appears in the VTR display and also "( )" is displayed on the TV screen.



During the mode lock, the VTR accepts the remote control operations but it does not accept any button operations on the VTR. To release the mode lock, press the CORRECT button and button [6] simultaneously again or press the OPERATE button on the remote control unit.

Automatic rewind

The VTR automatically rewinds the tape when the end of the tape is reached.
Note: To prevent accidental erasure, the VTR does not rewind the tape after timer recording.

Rewind shut off

If the OPERATE switch is pressed during rewind operation, power will be turned off automatically after the tape has been completely rewound.
Note: If the time counter is turned on, the VTR will stop rewinding and switch off at the specified position.

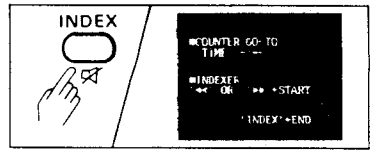
Index function

Cassette tape may be recorded using the tape indexing feature for rapid location of any section.

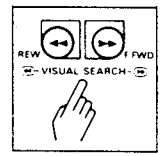
To record using the indexing feature
Record as usual. Each time you press the REC button to begin recording, an index signal is recorded on the tape.
Note: The index signal is not recorded if the PAUSE button is pressed and released during recording. Press the REC button from stop. If two programmes are recorded from the same station with one immediately follows the other, press the STOP button after the first programme. Press the REC button to resume recording. This inserts an index signal at the beginning of each programme.

To locate a programme using the indexing feature
The index function allows to view the first few seconds of all recordings on the tape. This also allows you to jot down all recording on the tape easily.
To locate a programme using index feature, turn on OPERATE switch of the VTR and insert a cassette which was recorded using the tape indexing feature then operate as follow.

1 Press the INDEX button.



2 Press the REW or F.FWD button. The tape will be rewound or fast forwarded until an index mark is detected.



3 When the VTR has located an index mark, it will enter the playback mode for approximately 10 seconds. This is long enough for you to recognize the programme. Then the VTR winds tape to the next index mark in sequence.

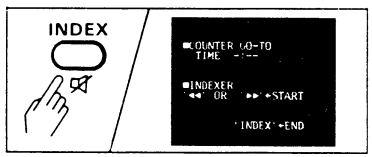
4 When you see the programme you want to watch, press the PLAY button.
The INDEXER indicator on the TV screen will be turned off.

COUNTER GO-TO function

The VTR will automaically search from anywhere on the tape (either forward or backward) for a certain location on the tape using the time counter.

1 Press the COUNT/CLOCK button to display the time counter in the display.

2 Press the INDEX button on the remote control.



3 Press the number buttons (0 through 9) to enter the amount of time (hour and minute) you want to advance the tape (either the forward or backward).
Then press the F.FWD button to advance the tape forward or the REW button to advance the tape backward.

Example 1: You are at the beginning of the tape and want to locate the beginning of a recorded programme you made after the first 1 hour and 30 minute-programme, you should enter "1:30" in the display. Press "1", then "3", and then "0". Then press the F.FWD button to advance the tape forward.

Example 2: You are in the middle of a tape and want to skip the next 35-minute recording on the tape. You should enter "0:35" in the display.
Press "0", then "3", and then "5". Then press the F.FWD button to advance the tape forward.

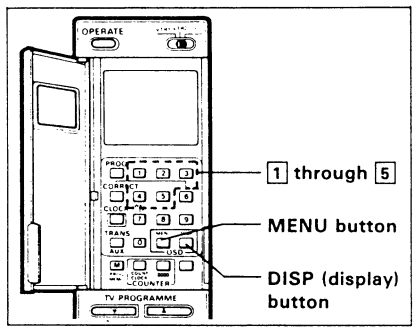
Example 3: You are in the middle of the tape and have just watched a 45-minute programme that you would like to watch again. You should enter "0:45" in the display. Press "0", then "4", and then "5". Then press the REW button to advance the tape backward.

Note: If you enter an incorrect number, press "0000" button on the remote control, and then enter the correct number.

4 The VTR will automatically fast forward or rewind the tape to locate the point on the tape you have chosen, and begin playing back the tape.

ON-SCREEN DISPLAY

Pressing the MENU button will display various menus on the TV screen.

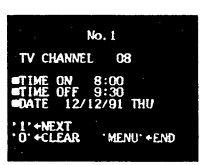


1. Turn on the operate switches of the VTR and the TV, then set the TV to the pre-tuned video channel.
2. Point the remote control at the receiver on the front of the VTR.
3. Press MENU button. The "menu", as illustrated, will appear on the TV screen.

Press one of [1] – [5] to select the required display.

■ Checking (reviewing) the programme information

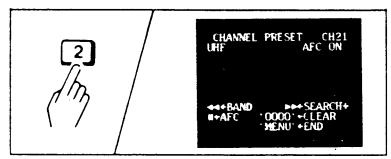
- Press [1]. The TV screen will display for 1 minute the information you entered for the lowest programme number.



- Press [1] again if you want to view the next programme information.
- Pressing [0] will clear the programme.
- Press the MENU button to return to the original picture.

■ Pre-tuning of built-in TV tuner

- Press [2].
The CHANNEL PRESET display appears on the TV screen.



- Details for pre-tuning a built-in TV tuner are on page 6.

■ Video mode setting

You can change the VTR mode as required.

- Press [3]. The "menu" as illustrated, will appear on TV screen.
Press [1] through [4] to select the required function.

① OSD [ON] or [OFF]

Press [1] to change

[ON]: Whenever you change the mode, the new mode is automatically displayed on the TV screen for a few seconds.

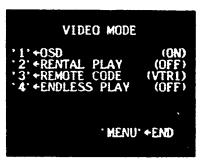
Notes:

- If the DISP button is pressed with the "OSD ON", the on-screen display will appear for a few second.
- When the DISP button is pressed again before the display disappears, the display will disappear from the TV screen.

[OFF]: The OSD will be switched off and nothing will be displayed on the TV screen even when the DISP button is pressed. When this is selected, no operation mode will be displayed on the TV screen even if the VTR is operated. This mode is useful to prevent recording of the On-Screen Display during copying a tape.

② RENTAL PLAY [ON] or [OFF]

Press [2] to select ➡



[ON]: The VTR will automatically start playback when a cassette with the record-protect tab removed is inserted into the VTR.
Then the VTR will enter the rewind mode when the tape reaches its end or when the VTR plays the non-recorded section for approximately 30 seconds, and then VTR will eject the cassette at the beginning of tape.

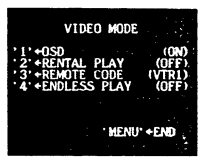
[OFF]: The rental play feature is switched off. (However, the VTR will automatically start play when a cassette with its record-protect tab removed is inserted into the VTR.)

Notes:

- It is impossible to set both the RENTAL PLAY and ENDLESS PLAY functions to [ON] at the same time. If you attempt to do so, the other function is automatically set to [OFF].
- When a cassette with its safety tab is loaded, rental play does not operate even if this function is set to [ON].

③ REMOTE CODE [VTR 1] or [VTR 2]

Press [3] to select ➡



This display lets you control your VTR with the "VTR 1" or "VTR 2" position of the VTR 1/VTR 2/TV switch on the remote control unit.
This is convenient when you want to add another Hitachi VTR to your system, and control both VTRs with the same remote control unit.
The "VTR 1" position of the VTR 1/ VTR 2/TV switch on the remote control will control the VTR you named [VTR 1] with this display, and the "VTR 2" position will control the VTR you named [VTR 2] with this display.

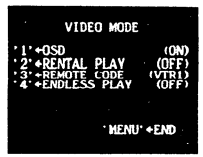
[VTR 1]: Your VTR will respond to the "VTR 1" position on the remote control.

[VTR 2]: Your VTR will respond to the "VTR 2" position on the remote control.

Note: The VTR will only respond to the remote code setting ([VTR 1] or [VTR 2]) you have selected. If you select [VTR 2] display, you must set the VTR 1/ VTR 2/ TV switch on the remote control to the "VTR 2" position before the VTR will respond to the remote control.

④ ENDLESS PLAY [ON] or [OFF]

Press [4] to select ➡



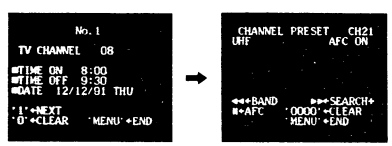
[ON]: You can play the tape from the beginning to the end repeatedly. While in the endless play, you can perform still play, frame advance and visual search operations, however, this does not mean switching off the endless play feature.
To switch off the endless play, you must select [OFF] with this display.

[OFF]: The endless play feature is switched off.

■ OSD effects demonstration

You can demonstrate OSD effects used in this VTR.

- Press [4].
  The pictures demonstrating the OSD effects are each displayed for about 10 seconds.



Note: When you select English following the procedure below, the OSD effects are demonstrated in English.

- Press MENU to end the OSD demonstration.

■ Language selection

You can change the language displayed on the TV screen.

1. Press [5].

   The language selection menu will appear on the TV screen.
2. Press one of buttons "1" through "3".
   "1" for English
   "2" for Swedish
   "3" for Finnish
   From now, you can view the On-Screen Display in language you have selected.